

TERMS OF REFERENCE (PR 2026-006)

MICROBIOLOGICAL ANALYSIS

The service provider will be responsible for:

1. Collecting samples from CWD Laboratory
2. Conducting microbiological tests on water samples on a monthly basis
3. Providing the following tests:
 - Total Coliforms
 - Thermotolerant Coliforms / *E. coli*
 - Heterotrophic Plate Count
4. Ensuring tests are performed in accordance with PNSDW
5. Delivering results in a detailed and timely manner (5-7 working days)
6. Rechecking of failed results shall be free of charge
7. Maintaining strict confidentiality of all samples and results

✓ The service provider must:

1. Be accredited by the DOH
2. Use calibrated and validated equipment.
3. Have expertise in microbiological testing specific to water testing.

PHYSICAL AND CHEMICAL ANALYSIS

The service provider will be responsible for:

1. Providing the sampling bottles for Physical and Chemical analysis
2. Collecting samples from CWD Laboratory
3. Conducting the following Physical and Chemical test of water samples on a semi – annual basis:
 - Arsenic
 - Cadmium
 - Lead
 - Nitrate
 - Color
 - Turbidity
 - pH
 - Total Dissolved Solids
 - Disinfectant Residual
 - Other tests (Iron and Manganese)
4. Ensuring tests are performed in accordance with PNSDW
5. Delivering results in a detailed and timely manner (5-7 working days)
6. Rechecking of failed results shall be free of charge
7. Maintaining strict confidentiality of all samples and results
8. **Conducting arsenic analysis as part of a special monitoring test performed quarterly, with two samples collected for each testing period**

REC'D BY :

3-6-26

The service provider must:

1. Be accredited by the DOH
2. Use calibrated and validated equipment
3. Have expertise in physical and chemical testing relevant to the specified samples

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